

REMARKS

By the foregoing amendments, Claims 1, 3, 5-12, 16-19, 23, 24, 26, 29, 33-35, 38-40, and 42-44 have been amended, new Claims 47-52 have been added, and Claims 2, 4, 22, 25, 27, 28, 32, 37, 41, and 45 have been cancelled without prejudice or disclaimer. Reconsideration and further examination of the Application is requested in view of the foregoing amendments and the following remarks.

The undersigned thanks Examiner Sefcheck for the courtesy extended during the telephone interview on May 23, 2007. During the interview, a summary of the remarks set forth below were discussed.

REJECTIONS UNDER SECTION 102

In the Office Action Claims 1-5, 6, 9, 11-15, 17-19, 22-25, 39, and 45 were rejected under 35 U.S.C. Section 102(e) as being anticipated by *Zhang* (U.S. Patent No. 7,085,291). Although the following the remarks are primarily directed to the pending independent claims, they apply equal force to each of the claims which depend therefrom. Each of the independent claims has been amended to further clarify the scope of the invention. Applicant respectfully submits that all of the pending claims are patentable over *Zhang*. Applicant reserves the right to challenge whether *Zhang* is available as prior art against the present application.

Each of the independent claims has been amended to clarify that a first service data packet or a fragment of a first service data packet is mapped or loaded into the payload of a protocol data unit (or a data packet in a third format) and then a second service data packet or a fragment of a second service data packet is also loaded into payload of the protocol data unit. In other words, the payload of the protocol data unit contains packets or fragments of packets from at least two different service data packets.

For example, amended Claim 1 states in part, “mapping a first service data packet or a fragment of a first service data packet to the payload of a current data packet in a third format . . . if the second service data packet is not larger than the remaining payload of the current data packet in a third format, then mapping the second service data packet to the remaining payload

of the current data packet in a third format, . . . [else] fragmenting the second service data packet . . . and mapping the first fragment of the second service data packet to the remaining payload of the current data packet in a third format.”

Zhang does not teach or suggest encapsulating two or more packets or fragments of two or more packets in a single radio link protocol frame. Rather, *Zhang* describes a variable length RLP frame format which contains a single complete packet in a single RLP frame using a first header type (described in Figure 3) or sending a single fragment of a packet in a single RLP frame using a second header type (described in Figures 4 and 5). According to *Zhang*, “the present invention works by defining each RLP frame and structure as an RLP frame that encapsulates either an IP packet or a fragment of an IP packet.” (*Zhang*, column 2, lines 59-62.) Therefore, *Zhang* clearly does not teach placing a first packet or fragment of a packet in the payload of a protocol data unit and then placing a second packet or fragment of a packet in the same payload.

Additionally, claims 23, 49 and 51 add further limitations relating to accounting for the connection or destination of the incoming packets. For example as set forth in claim 23, the information in a third format includes control information that identifies a first connection and the first and second information packets that are packed into the payload are associated with that connection. Claim 49 adds the limitation of “the current data packet in a third format includes a header portion with a connection identifier which identifies the destination to which the current data packet in a third format is to be delivered and only service data packets associated with the same connection identifier are mapped to the payload of the current data packet in a third format.” Similarly, claim 51 adds the limitation of “the current protocol data unit includes a header portion with a connection identifier which identifies the destination to which the current protocol data unit is to be delivered and the step of identify a current service data unit or a current fragment of a service data unit that is next for processing comprises only identifying such service data units or fragments that are associated with the same connection identifier.”

Zhang does not teach or suggest encapsulating two or more packets or fragments of two or more packets in a single radio link protocol frame and certainly does not teach or suggest selecting or limiting the two packets to be encapsulated or packed based upon a common destination or connection.

In view of the foregoing, applicant respectfully requests that the rejections in view of *Zhang* be withdrawn.

REJECTIONS UNDER SECTION 103

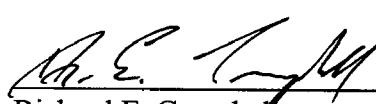
In the Office Action various dependent claims were rejected under section 103 as being unpatentable over *Zhang* alone or in combination with various other references. Applicant respectfully submits that because the rejections under Section 103 in the outstanding Office Action all rely upon *Zhang* as the primary reference, they are all overcome in view of the arguments above. None of the references cited in the Section 103 rejections overcome the shortcomings of *Zhang* noted above. Therefore, applicant respectfully requests that the rejections under section 103 be withdrawn.

CONCLUSION

The Applicant has endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action. Accordingly, amendments to the claims, the reasons therefor, and arguments in support of the patentability of the pending claim set are presented above. In light of the above amendments and remarks, reconsideration and withdrawal of the outstanding rejections is specifically requested. If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to initiate the same with the undersigned.

Respectfully submitted,

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